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 TI Self-leveling coating compound for floors
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2001051427	ICM	C04B028-02
DE 10000682	ECLA	C04B028/04; C04B040/00D4A

AB The self-leveling coating compound consists of: (1) mineral filling materials 30-60 weight%, (2) an inorg. binders such as white cement 30-50 weight%, (3) Ca(OH)₂ 2-5 weight%, (4) casein 0.3-1.5 weight%, (5) H₂O 20 weight%, (6) lime-resistant coloring agents 1-20 weight%. The mineral filling materials comprise quartz, marble, or granite sand and addnl. alkaline earth carbonates such as CaCO₃. The lime-resistant coloring agents are spinel pigments, rutile, colored clays, or metal powders such as Al-powder and mixts. thereof. The self-leveling coating compound contains addnl. a surfactant such as trisodium citrate 0-1 weight%, an antifoaming agent such as nonionic surfactant 0-1 weight%, a leveling agent such as Me cellulose 0-0.1 weight%, and a dispersing agent such as polyvinylalc. or acetate thereof. Claimed is coating process of the described self-leveling coating compound on a floor in such a way that the coloring agents are mixed with the coating compound or are scattered on the self-leveling coating compound, or optionally there were 2 self-leveling layers with different pigments coated on the floor.

ST self leveling coating compd floor

IT Alkaline earth compounds

RL: PEP (Physical, engineering or chemical process); TEM (Technical or